

DNA or RNA
DNA or RNA

CATATCCGTGTCGCCCTT
•
ATTCCGATAGTGACTACA

GTATAGGCACAGCGGGAA
--
TAAGGCTATCACTGATGT

DNA

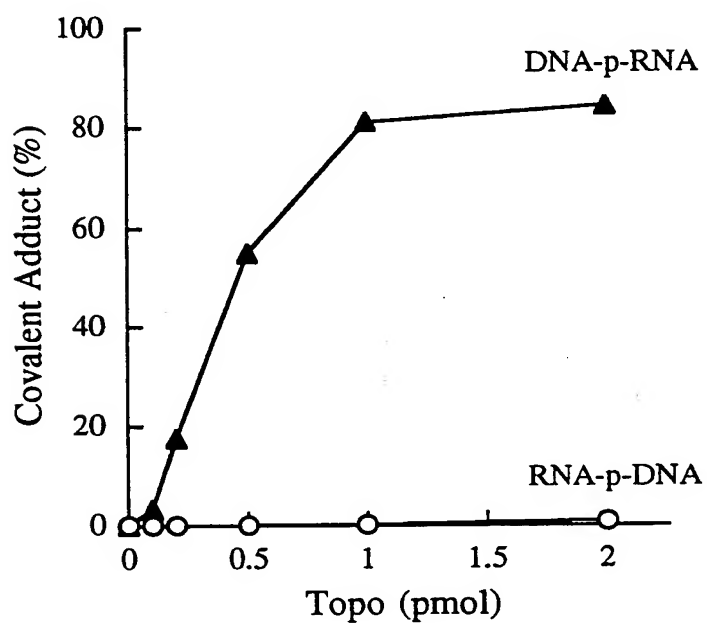


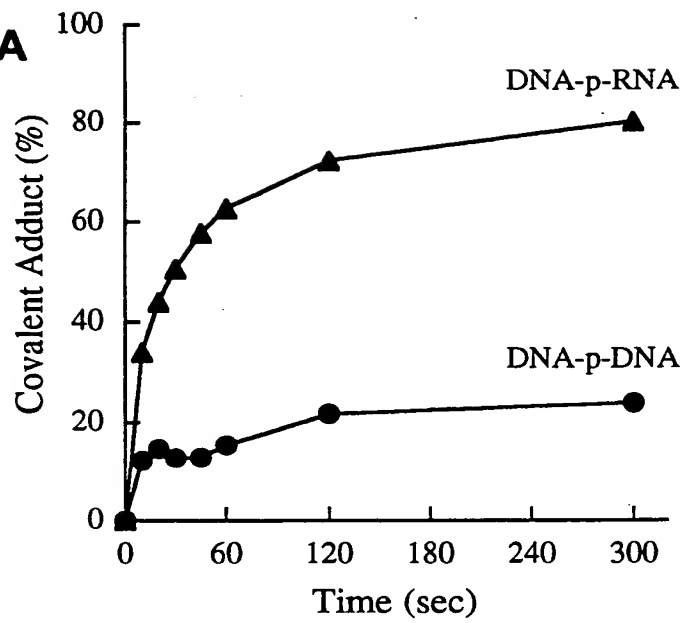
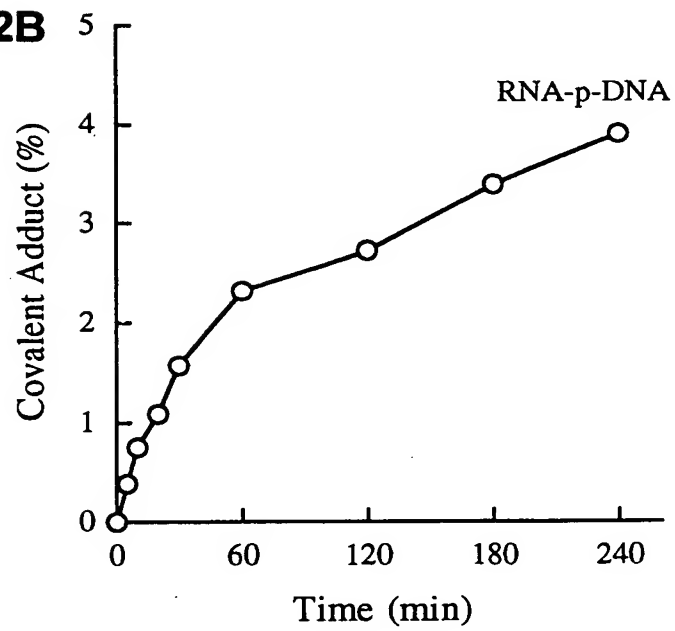
FIG. 2A**FIG. 2B**

FIG. 3A

Topo

CGTGTGCGCCCTT
GCACAGCGGGAATAAGGCTATCACTGATGT

FIG. 3B

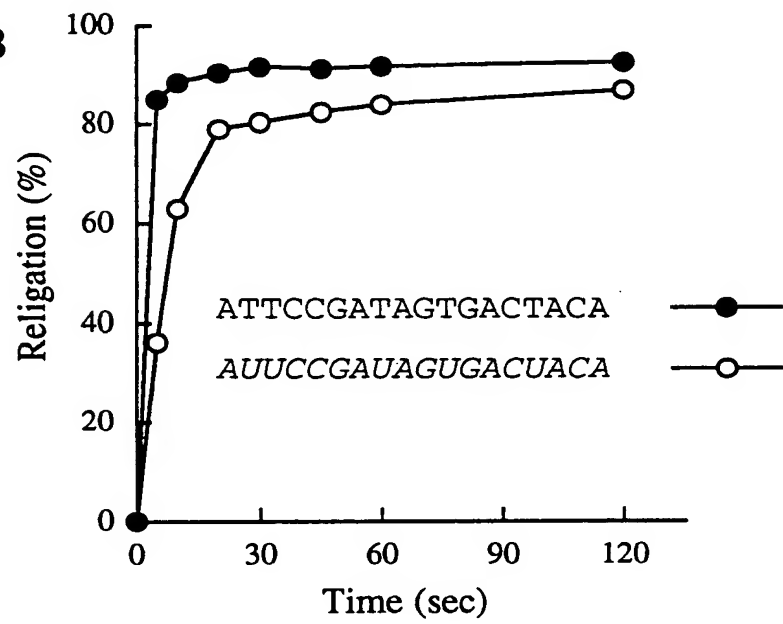
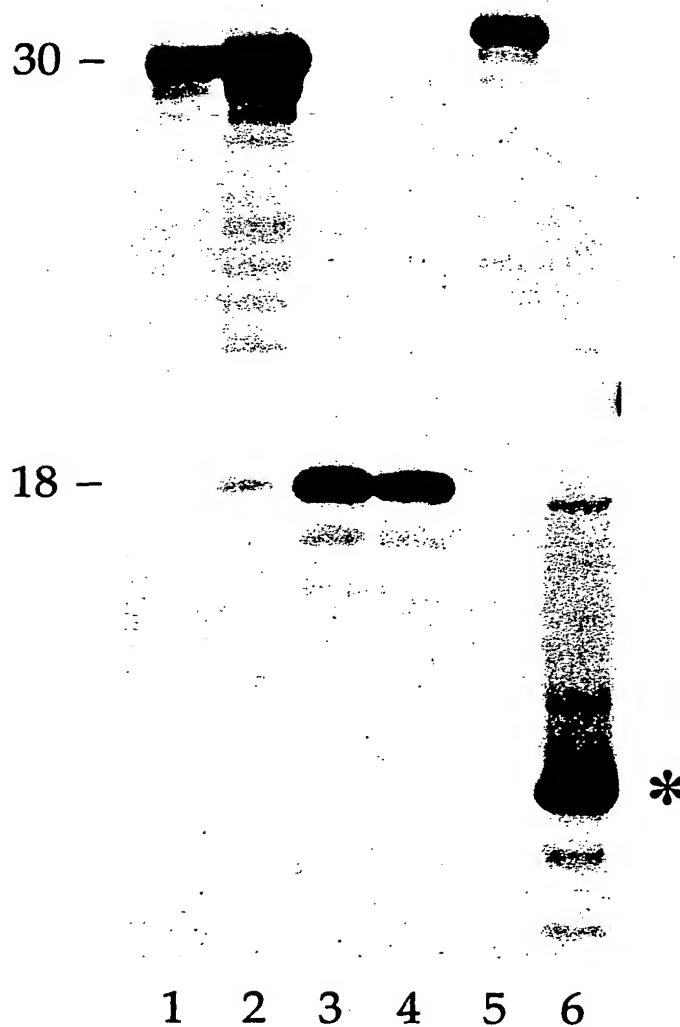


FIG. 4

Topo	+	+	-	-	+	+
18-mer	D	D	-	-	R	R
NaOH	-	+	-	+	-	+



Topo

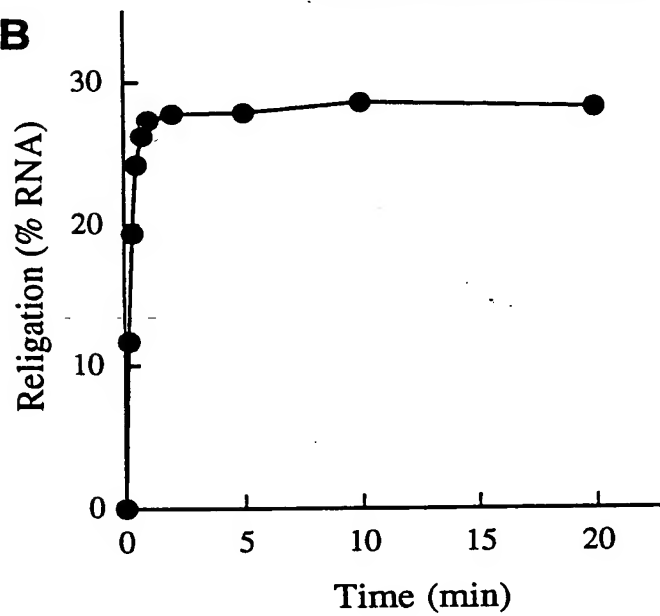
FIG. 5A

CGTGTCGCCCTT
GCACAGCGGGAACCCTTGTTTTTCGACCTCG

+ GGGAACAAAAGCUGGAGC(N)₁₈

SEQ ID NO: 20

FIG. 5B



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Topo

FIG. 6A

CGTGTGCGCCCTT
GCACAGCGGGAATAAGGCTATCACTGATGT

FIG. 6B

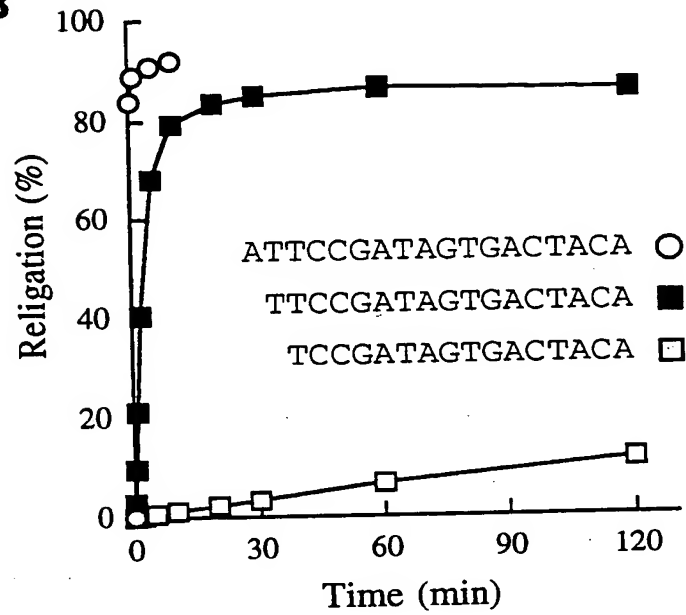


FIG. 6C

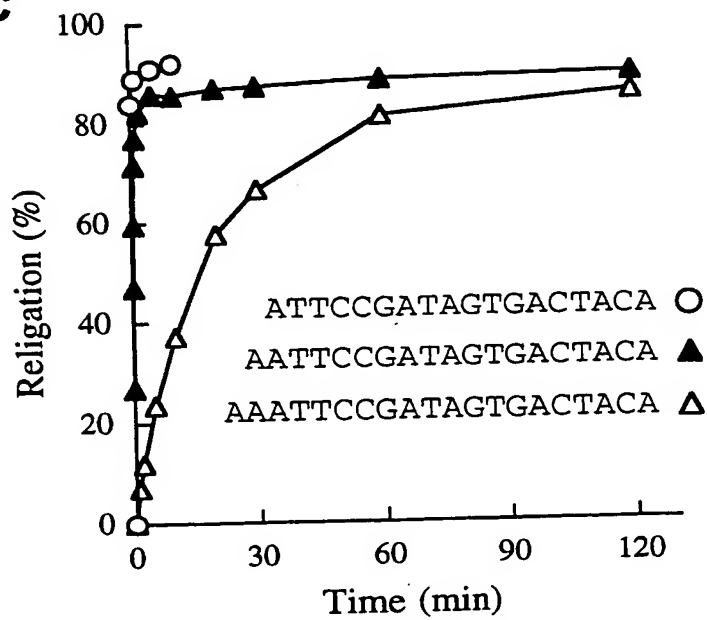


FIG. 7

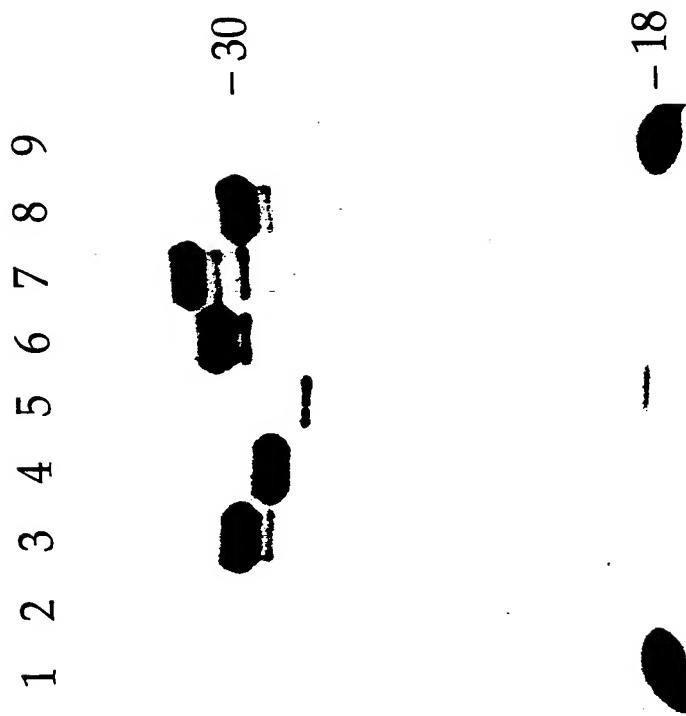


FIG. 8

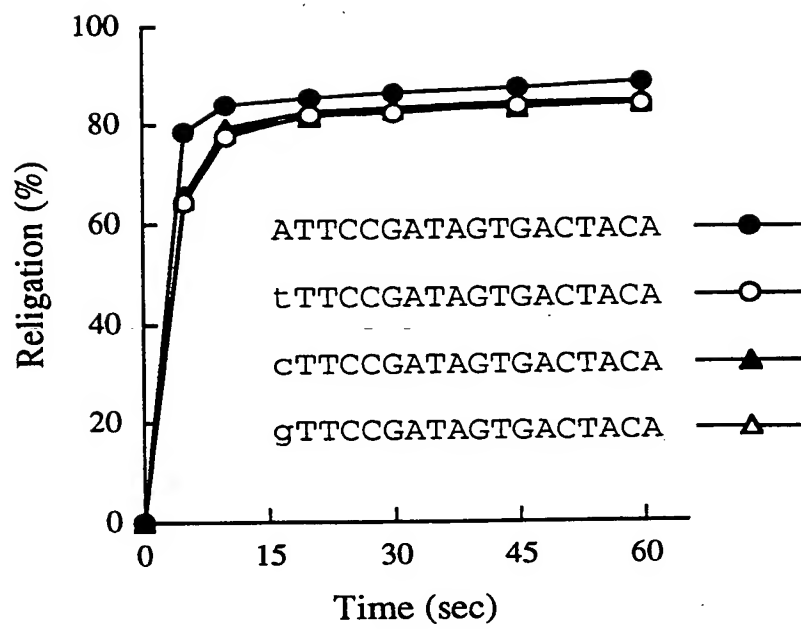


FIG. 9A

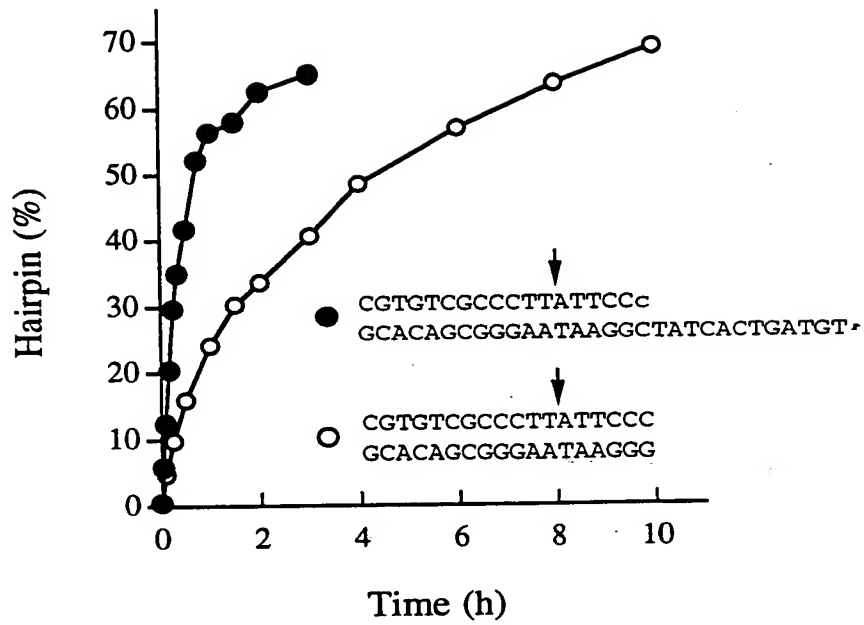


FIG. 9B

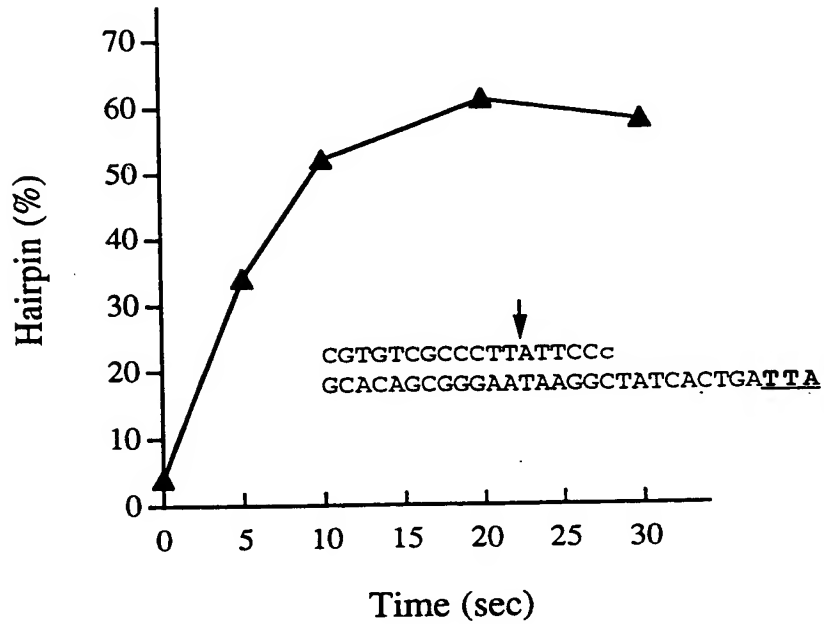


FIG. 10A

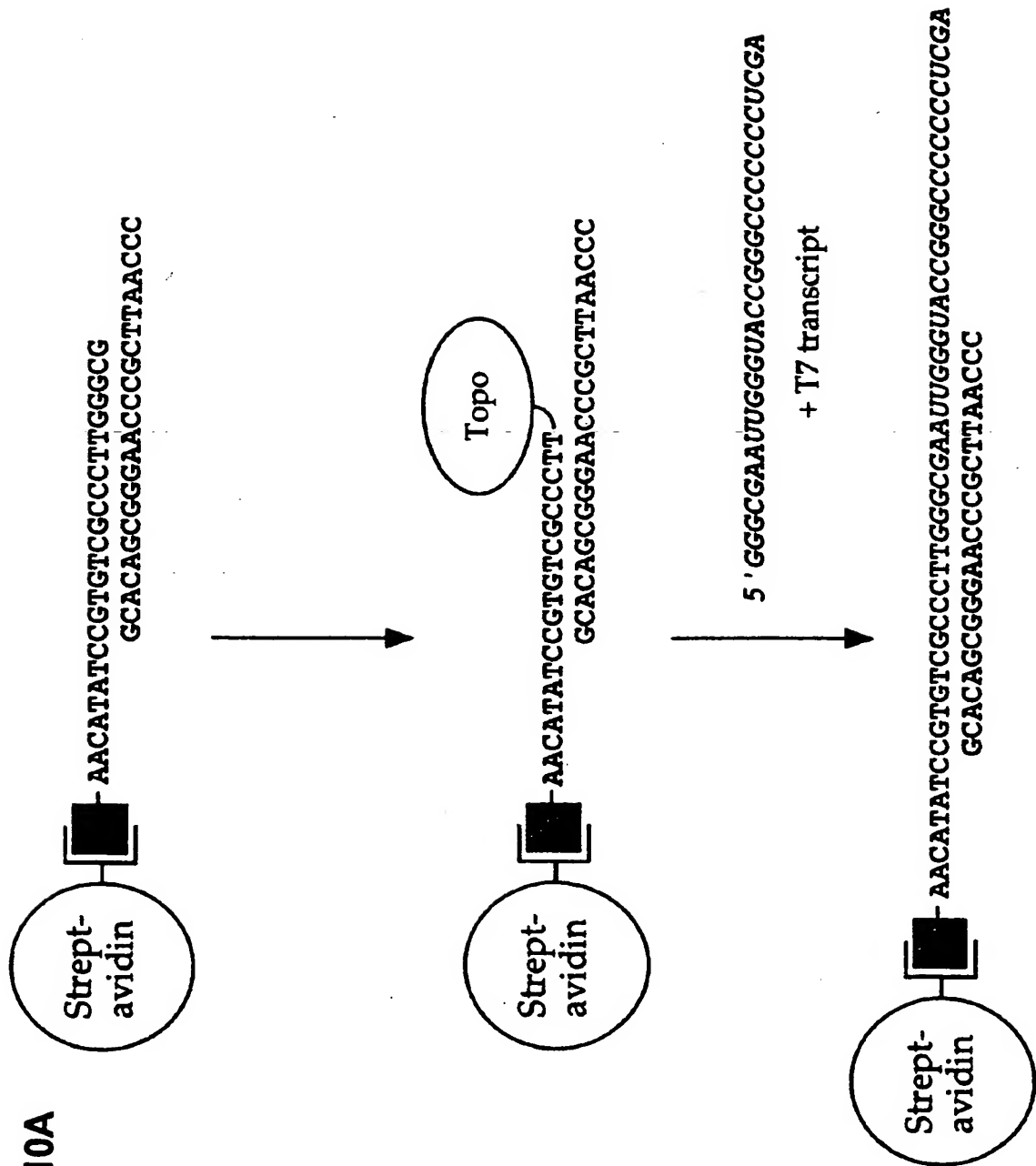
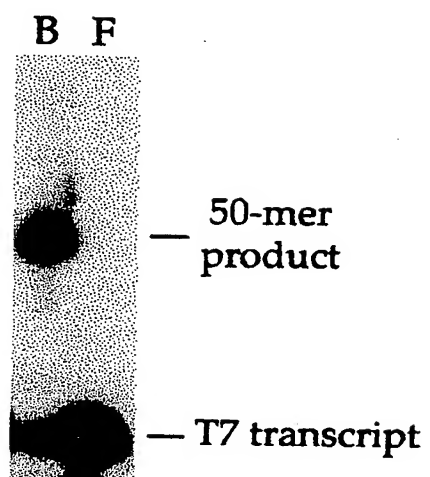
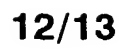


FIG. 10B





PCR
Product



FIG. 11B

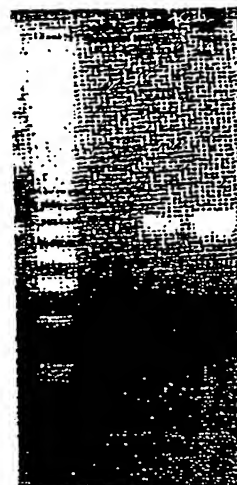


FIG. 11C

Mini
Prep
Results

